

Singleton Civic Centre

Introduction to the Dialogue and Overview of Forum

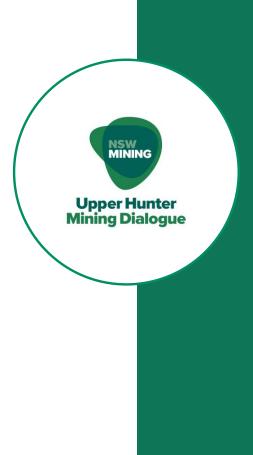
Sarah Withell

Chair, Upper Hunter Mining Dialogue Head of Health Safety and Environment Business Partnership, BMC and NSWEC, BHP



2019 Summary

- Challenging year for both the community and industry in 2019.
- The focus of the Dialogue has assisted industry to manage environmental issues, but acknowledge that it's been tough:
 - Reduce water use and increase reuse and recycling;
 - Manage air quality impacts, and
 - Rehabilitate disturbed mining land.
- We want to hear your feedback on that today.
- Variety of Dialogue projects being progressed in 2019, as a result of 2018 Forum Discussion Sessions.



The origin of the Dialogue

- In 2010, a high concentration of mining activity in the Upper Hunter emerged.
- Community concern about the cumulative impacts of mining on the region prompted a whole of industry response.
- A community perception survey and a series of public forums were held in 2010.
- In 2011 The Upper Hunter Mining Dialogue was established to enable ongoing meaningful and respectful discussions and importantly develop actions and solutions in partnership.







Initial Dialogue themes

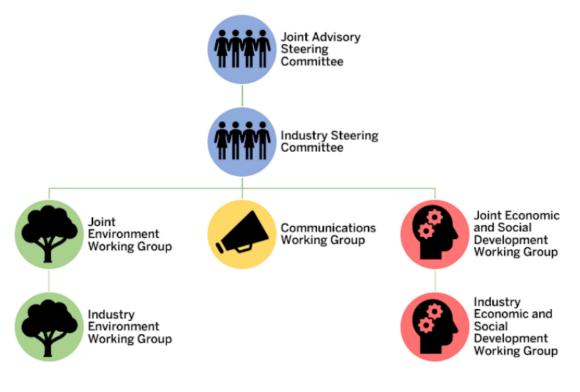
The Dialogue was initially based around four thematic groups:

- Emissions & Health
- Land Management
- Water Quality
- Social Impacts and Infrastructure

Each theme was supported by a Joint Working Group with direct community involvement into various projects



2018 Dialogue realignment



Feedback from the 2017 Forum demonstrated a need to realign the Dialogue's priorities commensurate with stakeholder feedback

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- 1. Community interest in economic development and diversification
- 2. Communicating Dialogue achievements and increasing awareness

A targeted stakeholder engagement plan was developed to engage with Dialogue stakeholders past and present, including CCC's and emerging community groups.

Scene Setting of day

Morning Presentations:

 Update on NSW Government Projects and Activities in the Upper Hunter (Stephen Wills, NSW Department of Planning, Industry and Environment)

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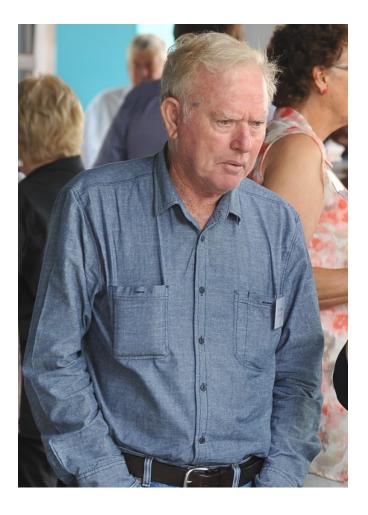
Mining Dialogue

- Review of 2019 Projects (James Barben, Secretariat, Upper Hunter Mining Dialogue)
- Upper Hunter Air Quality Monitoring Data Analysis Project (Damon Roddis, ERM-Australia Pacific Pty Ltd)

Information and Networking Session

Discussion and Feedback Session

Remembering



Ron Fenwick

Member, Joint Environment Working Group



Acknowledgements



Neil Griffiths NSW Department of Primary Industries, *Upper Hunter Grazing Trials*



David O'Brien Glencore, *Former Chair of the Upper Hunter Mining Dialogue*





Update on Dialogue Projects and Activities for 2019

James Barben

Director Policy, NSW Minerals Council, and Secretariat, Upper Hunter Mining Dialogue



2019 Priorities

Emissions & Health:

 Analysis of UH Air Quality Monitoring Network Data

Land Management, Rehabilitation & Final Land Use:

- Pilot Pathway for Post-Mining Land Use
- Buffer Land Figures in Annual Rehabilitation Reporting Project
- Publishing a Beneficial Reuse of Voids project summary document

Water Quality and Stewardship:

 Seeking Contextual Information from Industry Regarding Water Stewardship initiatives



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2019 Priorities

Economic Development, Mining & Business:

- Dialogue Procurement Information Hub
- Mining procurement business events

Stakeholder Engagement & Communications:

- Continuing RDA Hunter STEM proposal discussions
- Continued community engagement
- Continued rollout of School Mine Tours Program





Air Quality Monitoring Network Data Analysis Project



- The Dialogue has engaged ERM to provide an analysis of Upper Hunter Air Quality Monitoring Network Data.
- Two key objectives:
 - 1. Has the air quality in the Upper Hunter Valley changed since monitoring began?;

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- 2. Is the air quality in the Upper Hunter Valley measured at the monitoring stations different from air quality measured at other locations in NSW?
- Data dates back to 2010, now includes 14 locations, and is freely available.
- Draft report due in December 2019.
- Peer review to be undertaken by CSIRO.

Annual Reporting Projects

Water Accounting Framework

A yearly review of water use by Dialogue members in the context of total water use in the Upper Hunter community.



Contextual Information and Water Stewardship Case Studies

Annual water use statements and case studies collected from members to improve understanding of water stewardship initiatives.



Rehabilitation Principles and Commitments

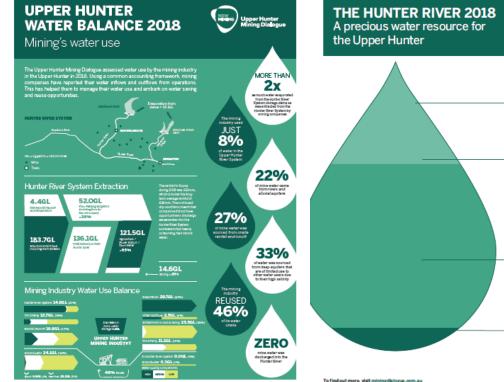
A yearly review of industry's rehabilitation progress has improved transparency and community awareness.



Total Buffer Land

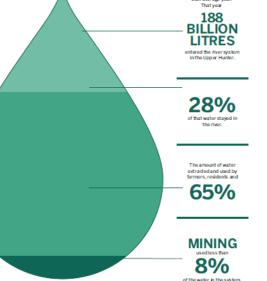
Reporting for 2018 results included total buffer land figures and how it is used. Primarily agricultural uses (90%) or other land e.g. vacant or not suitable (8%).

Annual Reporting Projects



To find out more, visit miningfialogue.com.au

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MEW

Upper Hunter Mining Dialogue

2018 was a drier

than average year.

To find out more, visit mining dialogue.com.au

The NSW Minwais Council has complied the datain this integraphic using the best available information. Since wait was consting to according to the integraphic using the information Source: Rue available integraphic (SPI Water; NSW Minwais Council data)

REHABILITATION **Industry Principles & Commitments** 2018 Results & Insights

Size 2021 the Upper Hutter Mellog Dakgues has been collecting annual relatabilities data and information from mining openations across the Upper Hutter to provide information to the community requesting the amount of programs/or evaluations are upper upper the upper trapped to the Dakgues phrasy land management goals.

To decrease the time that disturbed amassee left without final or temporary cover, recognising that different mixing operations are at different points in rehabilitation.
 To achieve a consistent level of best practice, quality, integrated rehabilitation - both within the industry and with future land uses - across the Upper Humber and to be a responsible is leward of the land.

REHABILITATION PRINCIPLES AND COMMITMENTS.

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All Dialogue member companies have agreed to a set of common principles, developed by the Joint Environment Working Coup, to drive inprovements in the speed of enhabitization and to provide aggregate data to the o about total land disturbed and rehabilitated. The Principles are as follows.

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Principle 1 Include rehabilitation planning in mine planning;
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Principia I dialah programa manahabilatara
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2018 Result **Rehabilitation** Local Government Area Sizes 21,816 ha Muswellbrock LGA 340500h 1,666 ha Singliton LGA 489,300 ha 829,800h 1,071 he Total habilitated within the reporting period Mining Land Use 22,411 ha Total mining rehabilitation completed 12,714 ha 12.714 h Total disturbed land aw rehebilitation 22,411 ha 064 Total disturbance across Upp<u>er Hunter</u> 35,125 ha LGAs ortion of disturbed land 362% Other Land Use timate of total land held as biodiversity 41139 h disate 243,200 ha Total agricultural land use a ofland I use (e.g. 59,212 ha Total protected areas (incl. National Parks) 310,600 ha yazing, cropping, viticulture) of the total amount of buffs Total urban area (Resid 47.0641 2,700 ha nd Industrial)

To find out more, visit miningelialogue.com.au Instaty existing instative active to a staty president to happen by press, the instaty of a staty of the state of the staty of

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Procurement Business Events

Two events held in 2019 to improve local supplier understanding of how to engage with the mining sector for procurement opportunities.

MUSWELLBROOK

- 130 attendees
- 4 companies presenting
- Muswellbrook Chamber of Commerce & Industry

SINGLETON

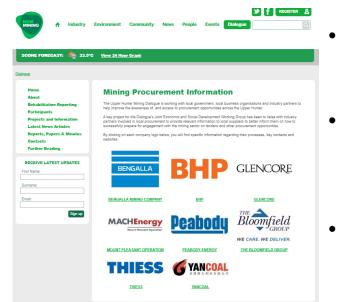
- 120 attendees
- 4 companies presenting
- Singleton Business Chamber







Procurement Information Hub



An information hub on the Dialogue website to outline key procurement details for most Upper Hunter mining companies.

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Upper Hunter

Mining Dialogue

- This will improve supplier awareness of how to engage with the mining sector and what to expect when preparing for a tender or procurement opportunity.
- A landing page with all Dialogue company logos will allow users to select their company of choice, with contact details and links included.
- Example of a generic procurement process.
- See <u>nswmining.com.au/dialogue/procurement</u> for more information.
- QR codes Scan to visit sites.

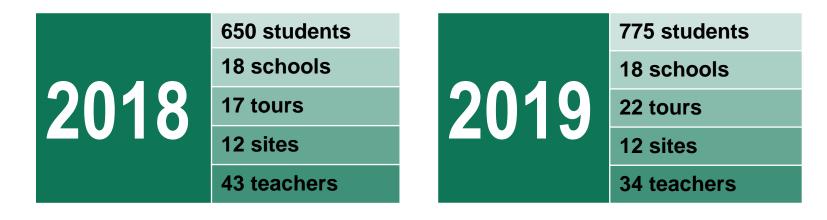
Other Projects

- Beneficial Reuse of Voids The Dialogue has collated material from existing reports to provide a summary document to help improve stakeholder understanding of voids and potential postmining land uses in the Upper Hunter.
- Pilot Pathway for Post-Mining Land Uses The Dialogue secretariat has met with the NSW Department of Planning, Industry and Environment to encourage greater facilitation of planning for positive potential post-mining land use outcomes.



School Mine Tours Program

- Local years 5 and 9 school students will visit a nearby mine to learn more about the mining process, both in terms of benefits and impacts.
- This program is supported by Virtual Reality education modules, des developed with UNSW, to facilitate in-classroom learning.
- The Dialogue is liaising with RDA Hunter regarding integration of the Tours into STEM programs for Hunter schools.
- A total of 1300 students have attended a school tour in 2018 & 2019.





Stakeholder Engagement

10 Community events attended

15 of 17 Community Consultative Committee (CCC) Presentations

133 Stakeholder surveys completed

324 Virtual reality demonstrations

565 Community stakeholder interactions



More Information

- 1. Dialogue Website: www.miningdialogue.com.au
- 2. Facebook: www.facebook.com/UPPERHUNTERMININGDIALOGUE
- 3. Complete the Forum Participant Survey (email to be sent) https://www.surveymonkey.com/r/DialogueForum2019

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